

# LUBA-print 154/S

## TECHNICAL INFORMATION

<b>Chemical description:</b>	Wax dispersion / Wachsdispersion
<b>Application/properties:</b>	Aqueous paint-systems: to improve slip and mar resistance. Aqueous flexo printing inks: to improve rub resistance.
<b>Processing information:</b>	1 - 4 % of this wax dispersion should be added to the paint or printing ink while stirring
<b>Solid:</b>	Polyethylene-Wax
<b>Emulsifier-system:</b>	non - ionic
<b>Solvent:</b>	Water

<b>Technical data:</b>	<b>Colour</b>	white		
		<b>Minimum</b>	<b>Maximum</b>	<b>Method</b>
	<b>Active content</b>	59,0 %	61,0 %	Sartorius MA 100 infrared drier
	<b>Melting range</b>	115 °C	121 °C	DSC (solid wax) (ISO11357-3)
	<b>pH-Value</b>	7,0	8,5	DIN ISO 976
	<b>Particle size d50</b>	5,0 µm	7,0 µm	Picture-Particle-Analyzing-System
	<b>Particle size d98 &lt;=</b>		24,0 µm	Picture-Particle-Analyzing-System
	<b>Density</b>	0,95 g/ccm	0,97 g/ccm	Pyknometer DIN EN ISO 2811-1
	<b>Viscosity</b>	200 mPa.s	400 mPa.s	Rheolab MC1 DIN 53019 1.291s-1

*These data are also part of the test certificate and the specification.*

**Storage:** In original closed containers lasting at least 12 months at temperatures between 5-35°C.  
Stir well before use!  
Protect from frost! After long storage, particularly after usage of some of the product, evaporation of water is possible and visible signs of particles may be present. We therefore recommend filtration of the product before use.

Our technical suggestions are based on data from many experiments and cannot represent a warranty of any kind as to their performance in other formulations. Customers must always verify our product's performance in their own systems. This technical data sheet replaces all previous issues.

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Revision: 08/2012

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